

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits  | Search Query                                 | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|-------|--|---|------------------|---------|---------------------|
| L31   | 0     | 11 and 18                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2011/04/11<br>21:30 |
| L18   | 14024 | L14 L15 L16 L17                              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2011/04/11<br>21:28 |
| L17   | 3293  | 331/2,46,57,108c.ccls.                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2011/04/11<br>21:28 |
| L16   | 8095  | 375/295,307,339,354.ccls.                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2011/04/11<br>21:28 |
| L15   | 809   | 455/146,209,315.ccls.                        | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2011/04/11<br>21:28 |
| L14   | 1940  | 713/500.ccls.                                | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2011/04/11<br>21:28 |
| L11   | 0     | 9 and 10                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2011/04/11<br>21:26 |
| L10   | 164   | (oscillators with clock with frequency).clm. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2011/04/11<br>21:26 |

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| L9 | 10       | 7 and 8  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2011/04/11<br>21:26 |
| L8 | 28048311 | @ad<"20040129"   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2011/04/11<br>21:26 |
| L7 | 14       | 1 2 5 6  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2011/04/11<br>21:25 |
| L6 | 26369    | (frequency with (sequence pattern)).clm.                   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2011/04/11<br>21:25 |
| L5 | 22231    | (data near (sequence pattern)).clm.                        | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2011/04/11<br>21:25 |
| L4 | 10       | L1 L2 L3   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2011/04/11<br>21:25 |
| L3 | 10989    | (data near pattern).clm.                                   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2011/04/11<br>21:25 |
| L2 | 6848     | (oscillat\$4 with clock with frequency).clm.               | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2011/04/11<br>21:25 |
| L1 | 28996    | (oscillat\$4 same (select\$4 switch\$4 multiplex\$4)).clm. | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2011/04/11<br>21:25 |

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| S35 | 7        | S33 S34  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2011/04/11<br>20:10 |
| S34 | 28048311 | @ad<"20040129"   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2011/04/11<br>20:10 |
| S33 | 10       | S29 S30 S31  | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2011/04/11<br>20:08 |
| S31 | 10989    | (data near pattern).clm.   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2011/04/11<br>20:08 |
| S30 | 6848     | (oscillat\$4 with clock with<br>frequency).clm.                                    | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2011/04/11<br>20:08 |
| S29 | 28996    | (oscillat\$4 same (select\$4<br>switch\$4 multiplex\$4)).clm.                      | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2011/04/11<br>20:07 |
| S28 | 192780   | oscillat\$4 and (frequency with<br>(select\$4 switch\$4 multiplex<br>\$4))         | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2011/04/11<br>20:07 |
| S27 | 10       | oscillat\$4 and S24 and<br>(frequency with (select\$4 switch<br>\$4 multiplex\$4)) | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2011/04/11<br>16:25 |
| S26 | 19       | oscillat\$4 and S24 and<br>frequency   | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2011/04/11<br>16:25 |

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| S25 | 21    | oscillat\$4 and S24  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2011/04/11<br>16:24 |
| S24 | 27    | ("4893271"   "4908790"  <br>"5047967"   "5237699"  <br>"5303390"   "5502689"  <br>"5515540"   "5550489"  <br>"5754462"   "5832207"  <br>"5903767").PN. OR<br>("6219797").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2011/04/11<br>16:24 |
| S23 | 4     | oscillators and S22  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/11/17<br>11:00 |
| S22 | 58    | (pessolano near francesco).in.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/11/17<br>10:58 |
| S20 | 1     | S16 and S19  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/11/17<br>10:46 |
| S19 | 35    | oscillators and ((data near<br>(pattern sequence)) with<br>frequencies)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/11/17<br>10:46 |
| S18 | 0     | ("2007/0127610").URPN.   | USPAT   | OR | ON  | 2010/11/17<br>10:40 |
| S17 | 1     | S8 AND S16   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/11/17<br>10:40 |
| S16 | 13514 | S3 S7 S14 S15  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/11/17<br>10:39 |
| S15 | 3220  | 331/2,46,57,108c.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/11/17<br>10:39 |

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| S14 | 7750 | 375/295,307,339,354.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/11/17<br>10:39 |
| S13 | 2    | S12 and oscillators  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/11/17<br>10:23 |
| S12 | 2    | ("20070127610").PN.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/11/17<br>10:23 |
| S9  | 2    | oscillators same ((data near (pattern sequence)) with frequencies) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/11/17<br>10:11 |
| S8  | 35   | oscillators and ((data near (pattern sequence)) with frequencies)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/11/17<br>10:11 |
| S7  | 793  | 455/146,209,315.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/11/17<br>10:10 |
| S3  | 1856 | 713/500.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2010/11/17<br>09:48 |
| S2  | 2    | ("20070127610").PN.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/11/16<br>21:33 |
| S1  | 4    | (("6219797") or ("20020172309")).PN.                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/11/16<br>16:30 |

**EAST Search History (Interference)**

| Ref # | Hits  | Search Query   | DBs            | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|----------------|------------------|---------|------------------|
| L30   | 0     | 28 and 29  | USPAT;<br>UPAD | OR               | OFF     | 2011/04/11 21:30 |
| L29   | 7821  | 22 23 24 25  | USPAT;<br>UPAD | OR               | OFF     | 2011/04/11 21:30 |
| L28   | 0     | 26 and 27  | USPAT;<br>UPAD | OR               | OFF     | 2011/04/11 21:29 |
| L27   | 112   | (oscillators with clock with frequency).clm.               | USPAT;<br>UPAD | OR               | OFF     | 2011/04/11 21:29 |
| L26   | 4     | 12 13 20 21  | USPAT;<br>UPAD | AND              | ON      | 2011/04/11 21:29 |
| L25   | 3663  | 375/295,307,339,354.ccls.                                  | USPAT;<br>UPAD | OR               | ON      | 2011/04/11 21:29 |
| L24   | 2259  | 331/2,46,57,108c.ccls.                                     | USPAT;<br>UPAD | OR               | ON      | 2011/04/11 21:29 |
| L23   | 559   | 455/146,209,315.ccls.                                      | USPAT;<br>UPAD | OR               | ON      | 2011/04/11 21:28 |
| L22   | 1444  | 713/500.ccls.  | USPAT;<br>UPAD | OR               | ON      | 2011/04/11 21:28 |
| L21   | 15601 | (frequency with (sequence pattern)).clm.                   | USPAT;<br>UPAD | OR               | ON      | 2011/04/11 21:28 |
| L20   | 12813 | (data near (sequence pattern)).clm.                        | USPAT;<br>UPAD | OR               | ON      | 2011/04/11 21:28 |
| L13   | 4532  | (oscillat\$4 with clock with frequency).clm.               | USPAT;<br>UPAD | OR               | ON      | 2011/04/11 21:27 |
| L12   | 20372 | (oscillat\$4 same (select\$4 switch\$4 multiplex\$4)).clm. | USPAT;<br>UPAD | OR               | ON      | 2011/04/11 21:27 |

4/11/11 9:32:42 PM  
**H:\ Workspaces\ 10587608.wsp**